

U.S. DEPARTMENT OF LABOR
WORKPLACE STANDARDS ADMINISTRATION
BUREAU OF LABOR STANDARDSMDC CONTROL NO. DMS 1828

MATERIAL SAFETY DATA SHEET

JUN 21 1982

SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME PEMACO INC.		EMERGENCY TELEPHONE NO. (213) 581-7185
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) 5989 District Blvd., Maywood, Ca. 90270		
CHEMICAL NAME AND SYNONYMS Soluble cutting oil.	TRADE NAME AND SYNONYMS PEMS 300 Light	
CHEMICAL FAMILY Hydrocarbon oil plus emulsifiers.	FORMULA	

SECTION II: HAZARDOUS INGREDIENTS*

PAINTS, PRESERVATIVES, SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES*				%	TLV (UNITS)
none					

SECTION III: PHYSICAL DATA

BOILING POINT (°F)		SPECIFIC GRAVITY (H ₂ O = 1) @60°F.	0.930
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR = 1)		EVAPORATION RATE (_____ = 1)	
SOLUBILITY IN WATER	not soluble, but emulsifies readily		
APPEARANCE AND ODOR	amber colored liquid with slight characteristic odor.		

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	310°F. (PMCC)	FLAMMABLE LIMITS	LeI	Uel
EXTINGUISHING MEDIA	Dry chemical, foam, CO ₂			
SPECIAL FIRE FIGHTING PROCEDURES	Do not use water except as a fog.			

UNUSUAL FIRE AND EXPLOSION HAZARDS

none

*PLEASE DO NOT USE GENERALIZATIONS, SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES.
USE SPECIFIC CHEMICAL NAMES, SUCH AS METHANOL, BENZENE, PERCHLOROETHYLENE.

SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

5 mg./cubic meter (applies to oil mist only)

EFFECTS OF OVEREXPOSURE

Slight irritation to skin and eyes upon prolonged exposure.

EMERGENCY AND FIRST AID PROCEDURES

Skin - remove by wiping, followed by washing with soap and water.

Eyes - flush with copious quantities of water for at least 15 minutes.

Ingestion - induce vomiting, get immediate medical attention.

SECTION VI: REACTIVITY DATA

UNSTABLE

CONDITIONS TO AVOID

STABILITY

STABLE

X

INCOMPATIBILITY (MATERIALS TO AVOID)

HAZARDOUS DECOMPOSITION PRODUCTS

CO, CO₂, SO_x, and NO_x may be formed upon combustion.HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Absorb with clay, diatomaceous earth or other inert material.

WASTE DISPOSAL METHOD

Controlled burning in compliance with local regulations; or with plant oil wastes.

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)

not normally required

VENTILATION

LOCAL EXHAUST

as required if mist is generated

MECHANICAL (GENERAL)

SPECIAL

OTHER

PROTECTIVE GLOVES

neoprene rubber gloves

EYE PROTECTION

Goggles if oil is sprayed or misting.

OTHER PROTECTIVE EQUIPMENT

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in a cool protected area. Avoid open flames and sparks.

OTHER PRECAUTIONS

avoid breathing of mist or vapors, avoid prolonged skin contact

PREPARED BY

J.P. Skyrus

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DATE